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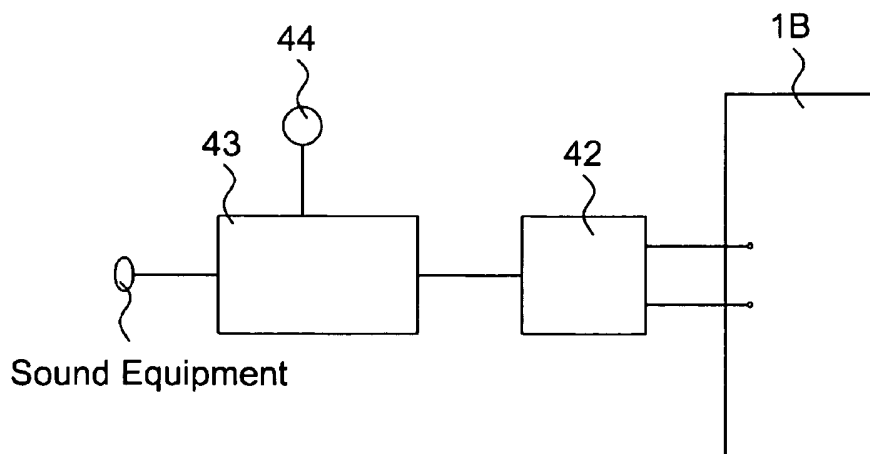
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(54) Title: METHOD OF MANUFACTURING FILM-SPEAKER USING PIEZOELECTRIC FILM AND SOUND EQUIPMENT WITH THE SAME



(57) Abstract: A method of manufacturing a film-speaker using a piezoelectric material and a sound equipment with the film-speaker are disclosed. A sound equipment with a film-speaker comprises a film-speaker unit, a matching transformer connected with the film-speaker unit, an amplifier coupled with the matching transformer, and a power supply unit providing the amplifier with power. The film-speaker unit includes a piezoelectric film and electrodes formed on both surfaces of the piezoelectric film. The surface of the piezoelectric film are reformed by irradiating ions with a predetermined energy under a vacuum state to increase an adhesive force. The electrodes are formed by depositing conductive material on both surfaces of the piezoelectric film. The sound equipment with a film-speaker further includes a condenser positioned between the film-speaker unit and the matching transformer, a dynamic speaker installed between the amplifier and the matching transformer, and a coil positioned between the amplifier and the dynamic speaker.



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